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URBAN DISTRICT COUNCIL.

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR

1938.

BY

A. A. J. McNABB, M.B., B.S., D.P.H.

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MEDICAL OFFICER OF HEALTH
For the Year 1938.

MR. CHAIRMAN AND GENTLEMEN,

I beg to present my Annual Report on the Health and Condition of your Urban Area during the year 1938.

SECTION A.

The Area is 6076.16 acres of land and 716.52 acres of foreshore. The estimated population is 4,539. Number of inhabited houses is 1,737. The rateable value is £37,026. The sum represented by one penny rate is £139 19s. 11d. The whole area is quite flat apart from the sandhills. Average height above sea level, 8 ft. above Ordnance Datum line. There are no industries carried on in the District except Gas Works, Brick and Tile Works and Mineral Water Manufacture. The rest of the population is engaged in Agriculture and catering for summer visitors, either as Boarding House or Hotel Keepers or Caterers and Amusement Purveyors. The average unemployment is 171 (weekly) in the winter, and 94 (weekly) in the summer.

VITAL STATISTICS.**LIVE BIRTHS**

Legitimate	males 30	females 25
Illegitimate	males 2	females 1
	—	—
Total	32	26

Birth rate per 1,000 of the estimated resident population, 12.778.

STILL BIRTHS

Legitimate	males nil	females 3
	—	—
Total	nil	3

Birth rate per 1,000 of the total estimated resident population (Live and Still births), 12.998.

DEATHS.

Death rate per 1,000 of the estimated resident population, 12.998.

Deaths from puerperal causes	...	...	Nil
Deaths from puerperal sepsis	...	...	Nil
Deaths from other puerperal causes	...	...	1

Death rate of infants under one year:—

All infants per 1,000 live births	...	...	34.482
Legitimate infants per 1,000 legitimate births	...	...	36.363
Illegitimate infants per 1,000 illegitimate births	...	...	Nil
Deaths from Measles (all ages)	...	...	Nil
Deaths from Whooping Cough (all ages)	...	...	Nil
Deaths from Diarrhoea (under two years)	...	...	Nil

There has been no increase in sickness or invalidity during the year except an outbreak of chicken pox in the early spring.

No marked increase in unemployment owing to the amount of work to be done on the Foreshore and Sandhills, Sutton Pleasure Gardens and building.

SECTION B.

The Staff of the Health Service under the Urban District Council consists of the following: Myself, A. A. J. McNabb, M.B., B.S., D.P.H., Medical Officer of Health.

There was a change of Sanitary Inspector as Mr. C. V. Long joined the staff in April, 1938 as whole-time Sanitary Inspector. His qualifications are, Certificate of the Royal Sanitary Institute, R.S.I. Certificate for Meat and other foods inspection. Certificates in Sanitary Engineering and Building Construction. The Lindsey County Council send a sick visitor, and Dr. Kerrigan of Louth, Assistant Medical Officer under the Lindsey County Council, carries out the School Inspections and is Tuberculosis Officer for the area.

LABORATORY FACILITIES.

These are undertaken by the Lindsey County Council at their Laboratory at Lincoln, with the exception of the Analyses of Water and Sewage Effluents which are done by the Analyst for the Urban District Council, Mr. W. W. Taylor of Nottingham.

AMBULANCE SERVICES.

There was no Ambulance in the area in 1938, but a fund has been started and it will be ready early in 1939.

The Red Cross Society provide one at Louth and one at Alford; these are available day and night.

NURSING IN THE HOUSE.

There are two District Nurses. Nurse Painter in Mablethorpe and Nurse Webb in Sutton. Both are qualified Midwives.

CLINICS AND TREATMENT CENTRES.

These are administered by the Lindsey County Council, and this area is within the Louth District Clinics area. The

Clinic is situated at 32, Queen Street, Louth, and is attended by Dr. Kerrigan, Tuberculosis Officer, the County Dentist and the County Council Ophthalmic Surgeon. A Child Welfare Clinic is held every fortnight at the Methodist Chapel, Victoria Road, Mablethorpe, and anti-natal advice is also given. Nurse Painter, C.M.B., of Mablethorpe, is in charge.

HOSPITALS.

The County Hospital is at Lincoln, a fully staffed General Hospital with three House Surgeons and Special Departments with Specialists in charge. It has also a Radium Outfit and Radium Register, and is the Radium Centre for the County. Smaller hospitals are at Louth, 16 miles, and Alford, 8 miles.

The new County Infirmary at Louth is now open with two whole-time Resident Medical Officers and nearly 200 beds, including Maternity Block.

There is a Maternity Ward of 10 beds at Louth Hospital and 3 private rooms. A Maternity Hospital at Cleethorpes and one at Lincoln. The Authority is a member to two Joint Hospital Boards :—

- (1) For Infectious Diseases at Scarthoe, nr. Grimsby, where patients are admitted from the area at a charge of £3 3s. weekly.
- (2) The Small Pox Hospital at Osgodley, nr. Caistor.

SECTION C.

WATER.

This area has now a complete Public Water Supply consisting of the Bore at Maltby-Marsh, the Water Tower at Mablethorpe and the Water from the old Sutton-on-Sea Water Company which had been supplied from the Alford Town Water Supply. The two sources are now available at will, when one is not needed the others can be used. The supply is now derived almost wholly from the Maltby Source and is tested every month. It is satisfactory both chemically and bacteriologically. I enclose sample report :—

W. W. TAYLOR,
Public Analyst.

1, Regent Street,
Nottingham.

Report of Analysis of Water.

Received 8th November, 1939, from Mablethorpe and Sutton
U.D.C. Mark "Town Supply, Tap at Fire Station."

This sample contains per 100,000 parts:—

Total solids dried at 100° C.	...	..	54.00
Suspended matter	...	...	Absent.
Chlorides as Chlorine	...	...	2.49
Oxidised Nitrogen as nitrate	...	...	Trace.
Oxidised Nitrogen as nitrite	...	...	Absent.
Free Ammonia	...	...	0.037
Albuminoid ammonia	...	...	Trace.
Temporary Hardness	...	...	5.00
Permanent Hardness	...	...	Absent.
Sodium Carbonate	...	...	29.68
Oxygen absorbed in 3 hrs. @ 80° F	...	...	0.00
pH value	...	...	8.40
Appearance	...	...	Clear and bright.
Odour	...	...	None.
Taste and Colour	...	...	Normal.
No. of colonies developing per ml. on agar at 21° C in 72 hours	...	...	11
No. of colonies developing per ml. on agar at 37° C in 24 hours	...	...	1
No. of colonies developing per ml. on agar at 37° C in 48 hours	...	...	5
Coli-aerogenes count per 100 mls. at 37° C in 48 hours	...	...	0
Bacillus Coli (Presumptive)	...	...	Absent in 200 c.c.

THIS SAMPLE IS OF GOOD QUALITY.

(Signed) W. W. Taylor.

SEWERAGE.

Several extensions during the year and 593 yards of new sewer have been laid. The extension to Trusthorpe and Links

Estate and North End, Mablethorpe are still outstanding owing to the prohibitive cost.

The present sewers are satisfactory except in Victoria Road, Mablethorpe; perhaps it may be relaid some day.

The modernized sewerage system at Sutton-on-Sea is working very well, and we no longer have the blocks which used to be constantly occurring. I enclose analyses of the effluents:—

W. W. TAYLOR, B.Sc., F.I.C.,
Public Analyst.

1, Regent Street,
Nottingham,

19th May, 1938.

Report of Analysis of Sewage Effluents.

Received 12th May, 1938, from Mablethorpe and Sutton U.D.C. Mark "Mablethorpe and Sutton-on-Sea."

These samples contain per 100,000 parts:—

	Mablethorpe.	Sutton-on-Sea.
Total Solids ...	119.60	148.00
Suspended Matter ...	1.80	1.40
Chlorides as chlorine ...	39.05	44.73
Free Ammonia ...	0.856	1.391
Albuminoid Ammonia ...	0.482	0.428
Oxygen absorbed in :		
(a) 3 mins. ...	0.56	0.96
(b) 4 hrs. ...	2.24	1.56
Biological oxygen demand in 5 days ...	3.94	3.46

THESE SAMPLES ARE OF FAIR QUALITY.

(Signed) W. W. TAYLOR.

There are no rivers running through the area, only dykes and drains which carry land water and are flushed when necessary. The two main outlets are at Trusthorpe and the 'Cut' at Mablethorpe. This used to be open, but is now culverted in and a big eyesore removed.

CLOSET ACCOMMODATION.

The conversion of existed pail closets along the line of the new sewers progresses steadily. Twenty converted during the year.

PUBLIC CLEANSING.

The refuse is collected by covered refuse lorries as frequently as twice a week during the season, and the refuse is disposed of by controlled tipping carried out in accordance with the rules laid down by the Ministry of Health. No complaints have been received.

SMOKE ABATEMENT.

As there are no industries, this does not affect this area.

SWIMMING POOLS.

There are no swimming pools or public baths.

SCHOOLS.

There are two Elementary Schools. Sutton-on-Sea School is the older, but comparatively modern and well built. Mablethorpe School consists of three blocks, one older block and two modern and up-to-date ones. One of the modern blocks contains quite an up-to-date and well-equipped laboratory which could easily be adapted for analytical and bacteriological work. The sanitary conditions are good in both Schools, and the masters are alive to health conditions and the question of notification of Infectious Diseases and exclusion of contacts when necessary.

SECTION D.

All particulars under this section are included in the Sanitary Inspector's Report which is appended.

SECTION E.**MILK SUPPLIES.**

During the winter the supplies are nearly all from within the area. In the summer season they come from

outside sources as well, and are more difficult to control. The conditions of the milk, the cowsheds and the dairies are much improved.

MEAT AND OTHER FOODS.

The Shops, Stalls, Cafes, Ice-cream barrows and Slaughter Houses are inspected frequently. No marked defects found. The Ice-cream supplies were better than last year. Still, it would be better if there were a standard for Ice-cream as in the U.S.A.

ADULTERATIONS.

None have occurred.

CHEMICAL AND BACTERIOLOGICAL EXAMINATION OF FOOD.

This is done by the Lindsey County Council at Lincoln.

SECTION F.

Infectious Diseases are admitted to the Grimsby Borough Infectious Diseases Hospital at Scarthoe. Cases are sent there when they come from Institutions such as the Convalescent Homes, Summer Camps, etc., or Boarding or Lodging Houses or Hotels, particularly during the summer season.

Other cases are isolated in private houses where they can be segregated and nursed at home. Small Pox cases are sent to the joint Small Pox Hospital at Osgodley, near Caistor.

The area has been very free from Infectious Diseases during 1938, particularly the latter part of the year.

Infectious Diseases.	Total Cases Notified.	Cases sent to Hospital.	Deaths.
Scarlet Fever	... 2	1	Nil
Diphtheria	... 1	Nil	Nil
Pneumonia	... 2	Nil	Nil
Acute Poliomyelitis	1	1	Nil
Chicken Pox	... 15	1	At Scarthoe

CANCER.

Whenever possible the cases are sent to Lincoln to the Radium Centre. The nearest centres for Deep X-Ray Theropathy are Nottingham and Hull. The cases are mostly of intestinal tract, reproductive organs and breast, rodent ulcer is common.

TUBERCULOSIS.

This is administered by the Tuberculosis Officers of the Lindsey County Council.

No cases engaged in the Milk Trade.

Age Period	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0								
1								
5				1				
15							1	
25	1	1						
35								
45								
55					1			
65 and upwards								
Totals	1	1	—	1	—	1	—	1
	—	—	—	—	—	—	—	—

I beg to append the Annual Report of the Sanitary Inspector, Mr. C. V. Long, C.R.San.I., M.S.I.A.

I have the honours to be Sirs,

Your obedient Servant,

A. A. J. McNABB, M.B., B.S., D.P.H.
(Dunelm) (Cantab)
Medical Officer of Health.

SANITARY INSPECTOR'S REPORT FOR 1938.

Total number of houses erected during the year ...	68
(I) By the Local Authority	Nil
(II) By other Local Authorities	Nil
(III) By other bodies or persons	68

1. Inspection of Dwelling-houses during the year:—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	52
(b) Number of inspections made for the purpose	149
(2) (a) Number of dwelling-houses (included under Sub-head (1) above) which were inspected and recorded under the housing Consolidated Regulations, 1925	30
(b) Number of inspections made for the purpose	85
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ...	1
(4) Number of dwelling-houses (exclusive of those referred to under the preceding Sub-head) found not to be in all respects reasonably fit for human habitation ...	16

2. Remedy of Defects during the year without Service of Formal Notices:—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ...	8
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3. Action under Statutory Powers during the year:—

A. Proceedings under Section 9-10 and 36 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	4
(2) Number of dwelling-houses which were rendered fit after service of formal notice :—	
(a) By owners 	Nil

 (b) By Local Authority in default of owners Nil

B. Proceedings under the Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 	4
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a) By owners 	4
(b) By Local Authority in default of owners Nil	

C. Proceedings under Section 11 and 13 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which Demolition Orders were made ...	3
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders ...	Nil
(3) Number of dwelling-houses subject to undertakings 	2

D. Proceedings under Section 12 of the Housing Act, 1936 :—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made 	Nil
--	-----

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or rooms having been rendered fit	Nil
4. Housing Act, 1936 (Part 4) Overcrowding.	
(a) (i) Number of dwellings overcrowded at the end of the year	Nil
(ii) Number of families dwelling therein ...	Nil
(iii) Number of persons dwelling therein ...	Nil
(b) Number of new cases of overcrowding reported during the year	Nil
(c) (i) Number of cases of overcrowding relieved during year	Nil
(ii) Number of persons concerned in such cases	Nil
(d) Number of houses again overcrowded after being previously relieved	Nil
COMMON LODGING HOUSES.	
Number registered under bye-laws	Nil
Number of inspections	Nil
CANAL BOATS USED AS DWELLING-HOUSES.	
Number registered under Acts	Nil
Number of inspections	Nil
MOVABLE DWELLINGS, TENTS, VANS, ETC.	
Number of camp sites in the district	23
Number of licences issued under Section 269, Public Health Act, 1936. Sites only ...	23
Number of licences issued in respect of individual Movable Dwellings	106
Number of caravans removed from the district	106
Number of tents and trailers stationed in the district at the height of the holiday season (August week only)	1600
Estimated number of persons occupying movable dwelling in the district during the height of the holiday season (August week) ...	5600

Number of inspections made during the year ...	381
Number of nuisances abated from Movable Dwellings	14

BAKEHOUSES.

Number in district	9
Number of underground bakehouses	Nil
Number of inspections	27
Contraventions of Factory Acts	14
Defects remedied	13

SLAUGHTERHOUSES.

Number on register	7
Number of inspections	492
Contraventions of bye-laws	19
Defects remedied	19

MEAT SHOPS.

Number in district	11
Number of visits made	388

COWSHEDS.

Number on register	60
Number of inspections	179
Contraventions of regulations	26
Contraventions remedied	16
Number of milch cows in the district	380
Number of cowsheds demolished and rebuilt ...	4

MILK (SPECIAL DESIGNATIONS) ORDER, 1936.

Number of Accredited Milk Producers in the district	5
Number of samples taken by County Officer ...	9
Number of unsatisfactory samples	Nil
Number of samples in which Bacillus Coli was found	Nil

DAIRIES AND MILK SHOPS.

Number on register	38
Number of inspections	120
Contraventions of regulations	11
Contraventions remedied	9

New dairies constructed and fitted with sterilizing equipment	...	...	...	...	...	6
Any instance of disease attributed to milk during year	...	...	...	...	...	Nil

MEAT AND FOOD INSPECTION.

Total number of carcases inspected	...	...	2959
Percentage of the number inspected affected with disease	...	...	6.54%

CARCASES INSPECTED AND CONDEMNED.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
No. killed (if known) ...	—	—	—	—	—
No. inspected ...	183	134	13	1740	889
All disease except Tuberculosis, whole carcases condemned	—	—	—	—	1
Carcases of which some part or organ was condemned ...	11	14	1	21	33
Percentage of the no. inspected affected with disease other than Tuberculosis ...	6.01%	10.45%	7.69%	1.21%	3.82%
Tuberculosis only, whole carcases condemned ...	—	—	—	—	1
Carcases of which some part or organ was condemned ...	6	15	—	—	91
Percentage of the no. inspected affected with Tuberculosis	3.28%	11.19%	0%	0%	10.35%

All cafés, food preparation rooms, fish shops and ice-cream manufacturers are inspected frequently, especially during the holiday season.

ICE-CREAM.

Six samples of Ice-cream were taken and submitted to the Public Analyst.

OFFENSIVE TRADES.

Number of premises in district	...	...	...	Nil
Number of inspections	...	...	...	Nil

SHOPS ACT, 1934.

Number of shops inspected	...	...	...	68
Additional heating or ventilation	...	...	...	1
Additional sanitary conveniences	...	...	...	3

WATER SUPPLY.(1) *Wells.*

(a) New sunk	...	...	...	...	1
(b) Cleansed and repaired	...	...	...	...	3
(c) Closed as polluted	...	...	...	...	2

(2) *Public Supply.*

(a) Areas without Public Supply, Outlying parts of Mablethorpe, Trusthorpe and Sutton	...	...	...	...	95.8%
(b) Percentage of houses supplied	...	...	...	...	64
(c) New cisterns provided	...	...	...	...	3
(d) Cisterns cleansed, repaired, covered, etc.	...	...	...	...

Number of samples obtained for analysis	...	...	15
(a) From wells	...	...	4
(b) From public supply	...	...	11
Any insufficiency and where	...	...	Nil

DRAINAGE AND SEWERAGE.(1) *Closets.*

Number of houses with privy vaults in district (outlying farms)	...	...	...	12
Number of houses with pail closets in district	...	...	...	145
Number of pail closets substituted for privy vaults	...	...	...	Nil
Number of pail closets repaired	...	...	...	7
Number of water closets substituted for dry receptacles	...	...	...	20
Number of houses with water closets in district	...	...	...	1679
Number of water closets repaired	...	...	...	5

(2) *Drains.*

Drains examined, tested, exposed, etc.	...	139
Drains unstopped, repaired, trapped, etc.	...	50
Waste pipes, rain water pipes disconnected, repaired, etc.	...	10
New soil pipes or ventilating shafts fixed	...	74
Existing soil pipes or ventilating shafts repaired	...	2
Drains reconstructed	...	13

(3) *Sewers.*

New lengths of sewer laid	...	593 yards
---------------------------	-----	-----------

(4) *Tanks and Filter Beds, etc.*

Alterations to sewage disposal works	...	Nil
Any inadequacy of sewage disposal works	...	Nil
Complaints as to smells	...	Nil

(5) *Cesspools.*

Cesspools rendered impervious	...	...	4
Cesspools emptied and cleansed	...	...	Regularly
Cesspools abolished	...	...	8

DISINFECTION.

Rooms disinfected	...	...	...	...	50
(a) Ordinary infectious disease	...	...	...	...	39
(b) Tuberculosis	...	...	...	...	11
Rooms stripped and cleansed	...	...	...	...	Nil
Articles disinfected and destroyed	...	...	...	...	14
(a) Ordinary infectious disease	...	...	...	...	13
(b) Tuberculosis	...	...	...	...	1

HOUSE REFUSE.

Number of covered ashpits	...	...	...	...	2
Number of uncovered ashpits	...	...	...	...	Nil
Number of bins substituted for ashpits	...	...	...	...	1
Number of houses using bins	...	...	...	...	1821
Refuse moved by	...	...	...	Public Scavenger	
How frequently is refuse removed from each house? Weekly in winter. Bi-weekly in summer					
Number of complaints of non-removal	...	...	...		7

Method of final disposal	....	Controlled Tipping
Are existing arrangements for refuse removal satisfactory?	....	Yes

NUISANCES.

Total number of Nuisances during year:—

(1) Abated as result of informal action by Sanitary Inspector	....	....	....	178
(2) Reported to Council.				
Statutory Notices issued	....	....	....	12
Statutory Notices not issued	....	....	....	33

DETAILS OF NUISANCES ABATED.

		Informal Action.	Statutory Action.
Overcrowding	....	2 in trailer caravans	Nil
Smoke	....	Nil	Nil
Accumulation of refuse	....	31	1
Foul ditches, ponds and stagnant water	....	19	2
Foul pigs and other animals		1	1
Dampness	....	6	1
Yards repaved and repaired		1	Nil
Other nuisances	....	118	7

FACTORIES ACT, 1937.

Factories on register with mechanical power	...	36
Factories on register without mechanical power		12

(1) *Inspections.*

		Inspec- tions.	Written Notices.	Occupier Prosecuted.
Factories with mechanical power	....	62	2	Nil
Factories without mechanical power	....	15	4	Nil
Other Premises (Building Construction Works)	....	2	Nil	Nil
Total	....	79	6	Nil

(2) *Defects found.*

	Found	Remedied	Referred to H.M. Inspector	Prosecutions
Want of cleanliness	... 5	5	—	—
Overcrowding	... —	—	—	—
Unreasonable temperature	... —	—	—	—
Inadequate ventilation	... 1	1	—	—
Ineffective drainage of floors	—	—	—	—
Sanitary Conveniences :				
Unsuitable or defective	... 6	5	—	—
Insufficient	... —	—	—	—
Not separate for sexes	... 2	2	—	—
Other offences	... 7	7	—	—
	Total ... 21	20	Nil	Nil
	—	—	—	—

Number of outworkers in the district Nil

BEDBUGS AND VERMIN.

The district is particularly free from bedbugs and other vermin ; only one complaint was received during the year and was found not to be justified.

RATS AND MICE (DESTRUCTION) ACT.

Sixty-seven complaints and enquiries were dealt with during the year. An extensive campaign against rats was launched during November ; the film, "Your Enemy the Rat," was projected at the local cinemas for one week. Posters were displayed and handbills distributed. Free poison was issued during Rat Week. Forty-two Organised Rat Hunts were carried out and resulted in the destruction of 438 rats and mice.

CONVALESCENT AND POOR CHILDREN'S SUMMER HOMES.

Inspections were carried out at the several convalescent and poor childrens' summer homes during the holiday season ; all sanitary arrangements were found to be in good condition.

C. V. LONG, C.R.San.I., M.S.I.A.,
Sanitary Inspector.

